

6374289

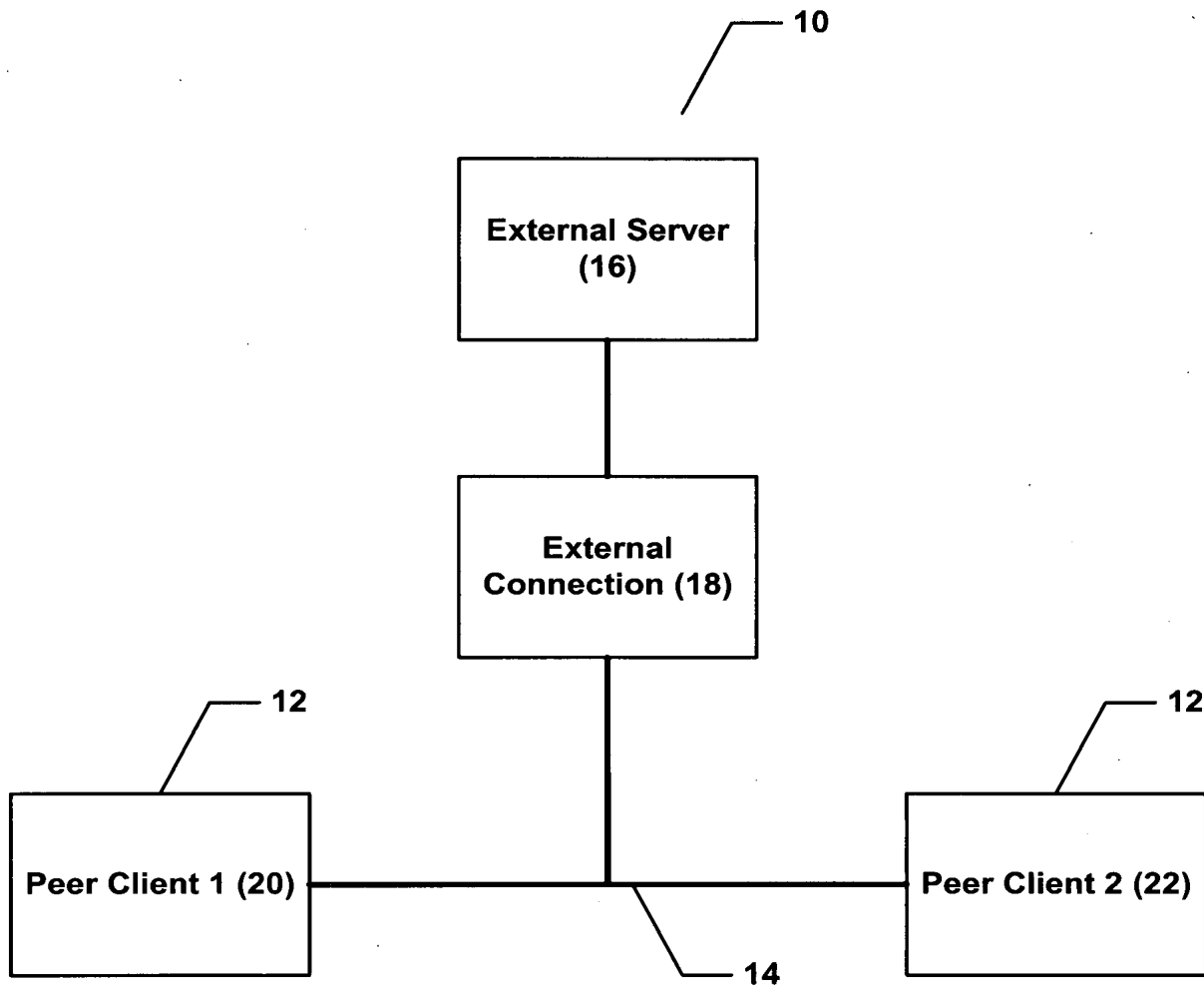
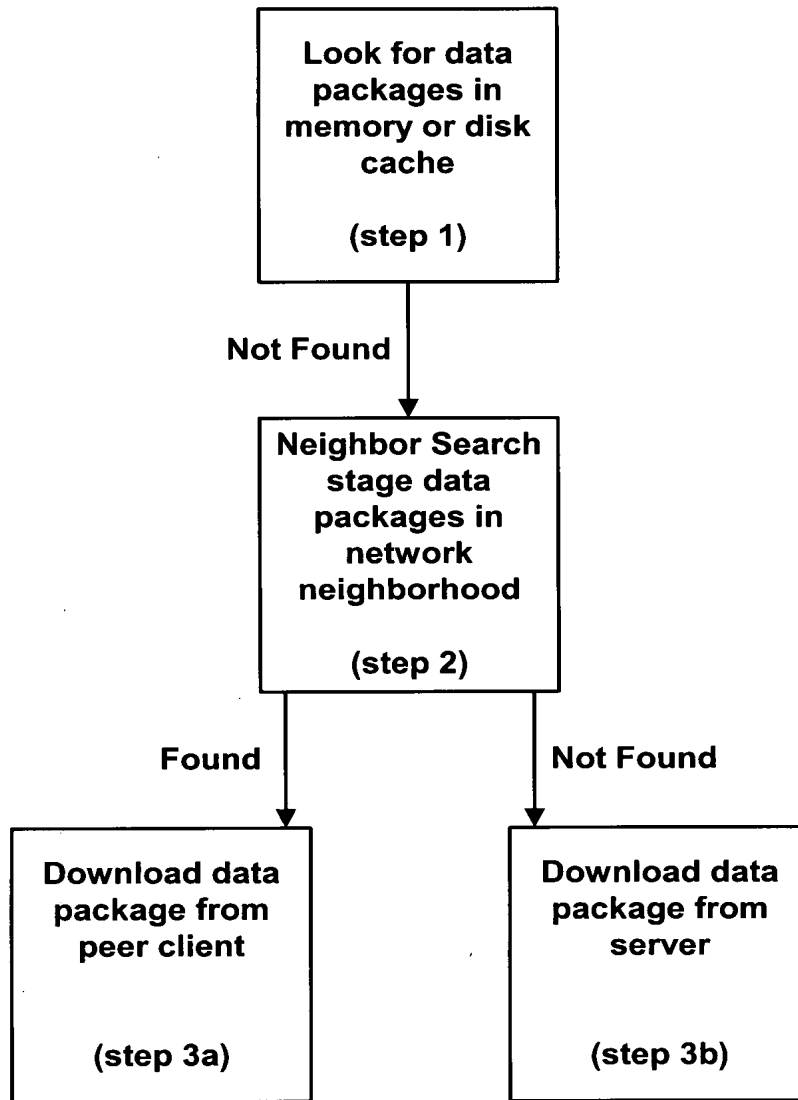
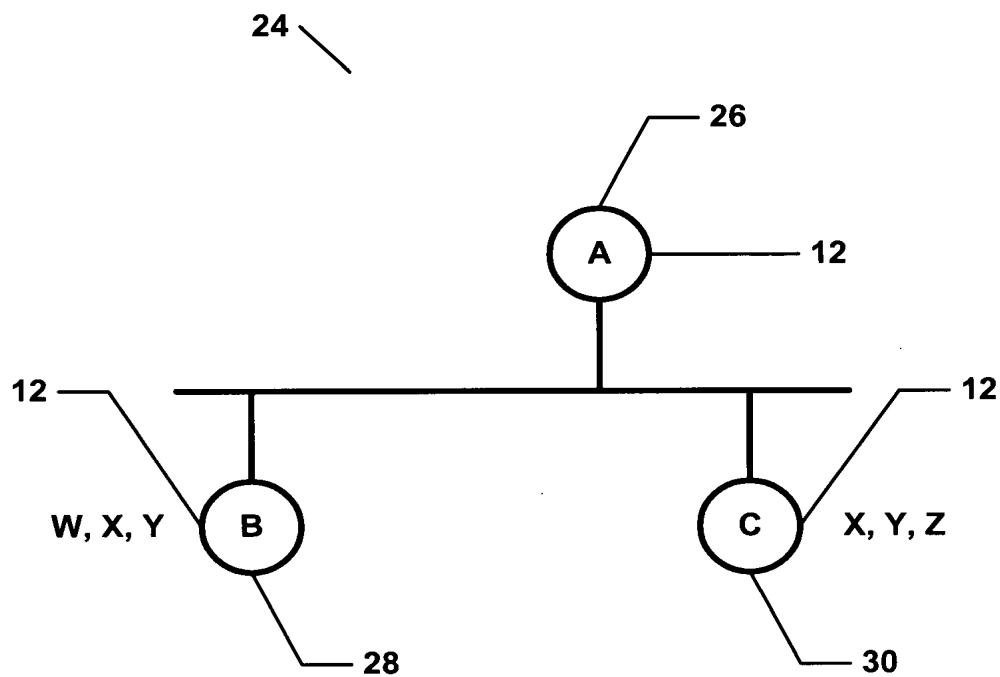


FIGURE 1A



**FIGURE 1B: Downloading Process**



**FIGURE 2A: Request-response example**

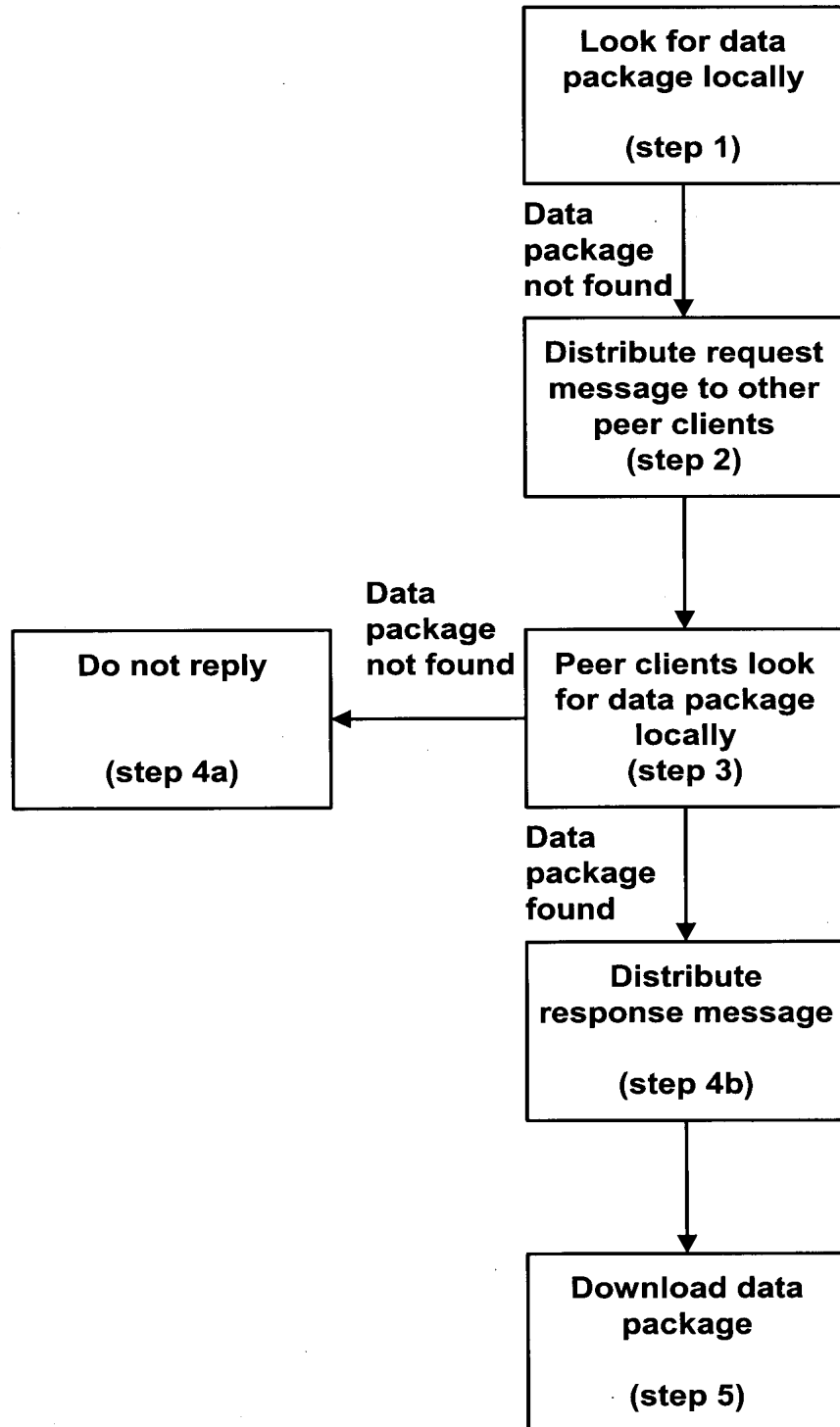


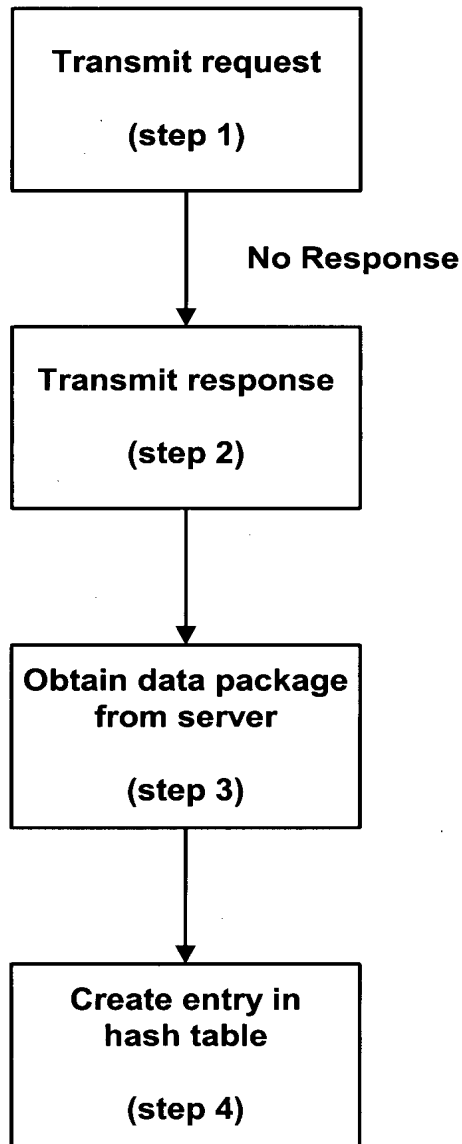
FIGURE 2B

<b>PVN</b>	<b>Digest 1, Digest 2</b>
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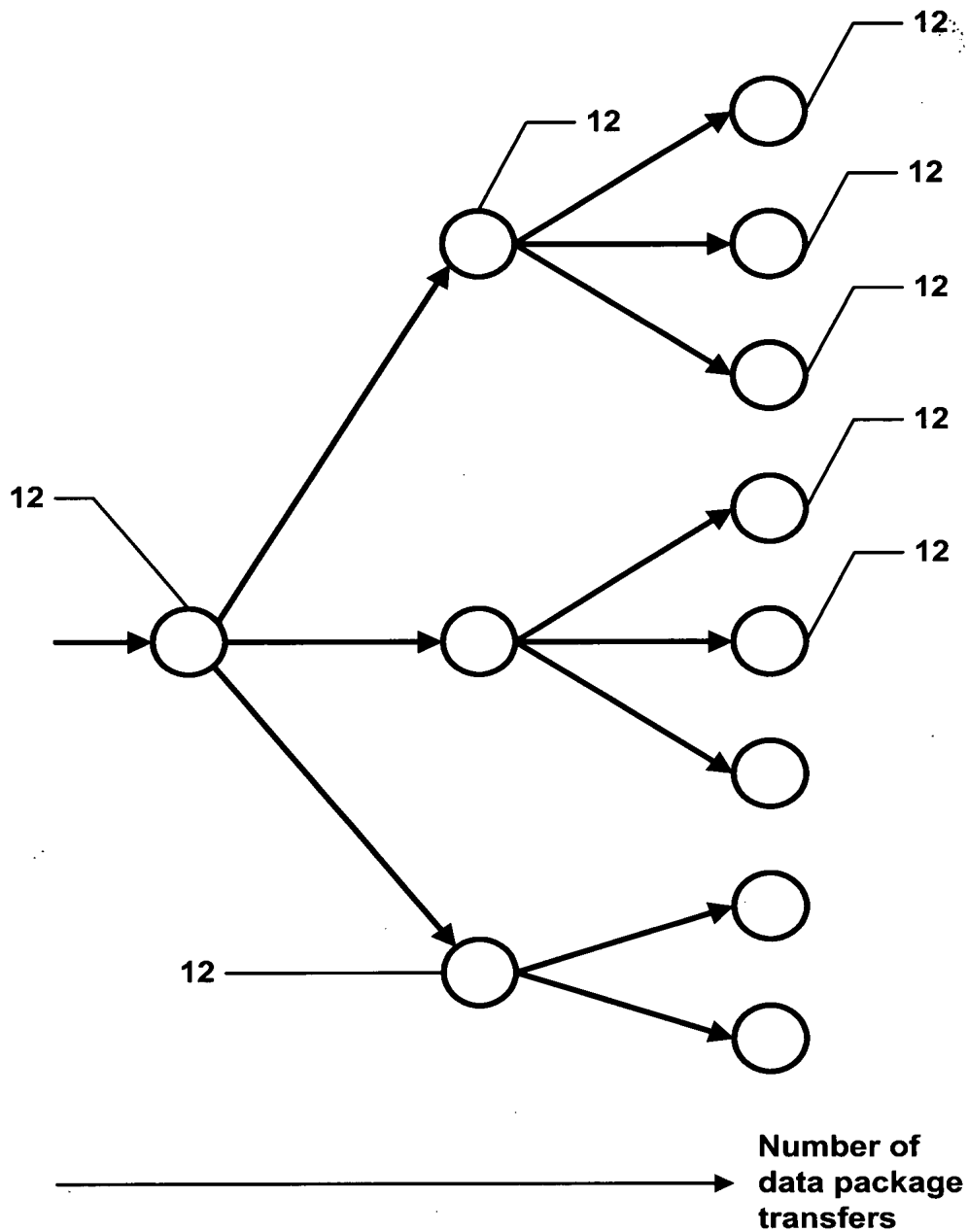
**FIGURE 2C: Request message**

<b>PVN</b>	<b>Digest 1, Digest 2, ...Digest N</b>	<b>TCP Port</b>
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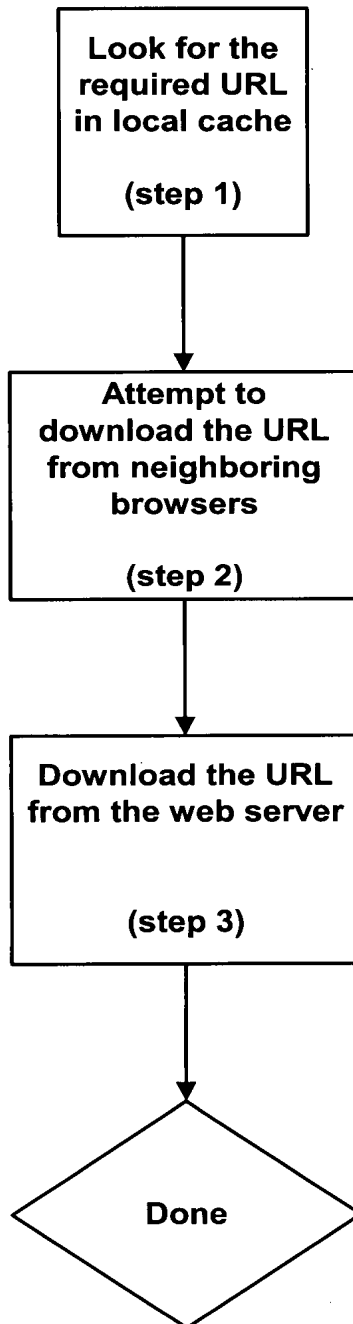
**FIGURE 2D: Response message**



**FIGURE 2E**



**FIGURE 3: Tree-shaped data-flow (optimal)**



**FIGURE 4**



PVN	REQ	URL <sub>1</sub> , URL <sub>2</sub> , URL <sub>3</sub> ,...
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FIGURE 5A

PVN	RSP	URL <sub>1</sub> , URL <sub>2</sub> , URL <sub>3</sub> ,...
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FIGURE 5B